SS450 SimplySNAP On-Site Controller

SS450

DLC QPL® LISTED

SimplySNAP Lighting On-Site Controller No Internet Required

The **SS450** site controller serves as the heart of your lighting solution, allowing local control without the internet using the Synapse SimplySNAP solution.

SimplySNAP is a wireless, on-site control solution for monitoring and controlling outdoor and indoor lights via a SNAP mesh network. SimplySNAP provides the flexibility to manage your lighting, your way, with system setup and configuration through a mobile-friendly Wi-Fi interface.

The system stores power data, zones, alarms, behaviors, and critical events locally for maintenance and troubleshooting; and provides municipal compliance via daily schedules, sensor controlled behaviors, and multiple dimming levels. With programmable schedules and easy setup, SimplySNAP is the perfect solution for remote sites or where internet is not desired.

FEATURES

- No Internet Required
- Multiple Zones, Behaviors, Events, and Schedules
- SimplySNAP creates a Wi-Fi connection to smart phone, tablet, or PC
- Optional SimplySNAP Remote Access (SSRA) service available
- Sunrise and Sunset Schedules driven by latitude and longitude
- Energy saving features including Daylight Harvesting and Demand Response

Product #	Description
SS450-002	WiFi and Verizon 4G LTE enabled, wall mount bracket; 4 Antennas

Dimensions	6.8" L x 4.6" W x 1.4" H (173mm L x 117mm W x 36mm H) without antennas
Operating Environment**	-40°C to +70°C Indoor Use Only
Mounting	DIN rail or Wall Mounted
Input Power**	12-24VDC (via Barrel Connector or Terminal Block Connector) Includes 100-240VAC, 15W AC adapter
Cellular	Verizon 4G LTE
Wi-Fi	802.11 b/g/n
Radio	SNAP 2.4GHz ; 802.15.4 +20 dBm Transmit Power -103 dBm Receive Sensitivity
Certifications	FCC, IC, cULus
Warranty*	5 Years

* See www.synapsewireless.com/warranty for warranty terms

** Included AC/DC supply is rated for indoor use only (0- 40°C). For outdoor use we reccomend the Synapse Central Base Station - model CBSSW-450-002.

Due to continuous product improvements, specification and/or equipment updates may change without notice.

FEATURES

- 4 Antennas
- 1 Power Supply
- Mounting Template
- Terminal Block Connector

(for alternate power connection)

- Quick Install Guide

Outdoor On-Site Controller option:

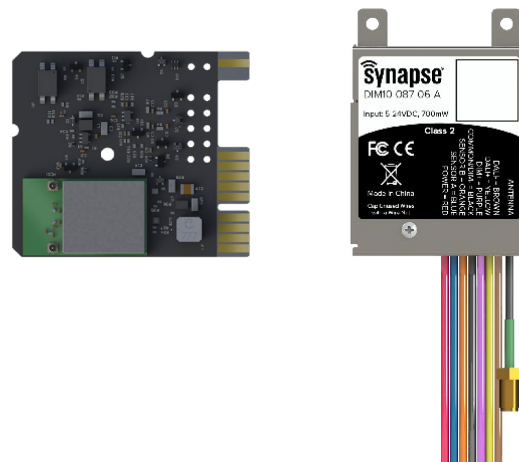| Product #	Description
CBSSW-450-002	Central Base Station SS450-based Model with 5-button switch and NEMA 4X enclosure

Supported Wireless Controllers:

Product #	Description
DIM10-087-06	DC Power Light Controller
DIM10-087-6A	DC Power Light Controller in metal case
DIM10-250-11	120-277V, Power Monitoring, 5 Amp Relay, Cased, Sensor Input, Sensor Power Supply
TL7-xx	Twist-lock Wireless Lighting Controllers with built-in Photocell

Twist Lock Controllers
TL7-xx

Embedded Controllers
DIM10-087-06/06-A

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SLG Control Enabled Luminaires

OUTDOOR	**Area Light**	AL G1 & G2	AL G3	ALC G1	AB G1
	Roadway Light	AR G1			
	Wall Pack	WS/WM/WL G1	WMC G1	WFM/WFL G1	WFM/WFL G3
	Flood Light	FDC G1	FFM/FFL G2	FFC G1	
	Parking Garage	PG G1	PL G1		
	Canopy	CR G1	CS G1	CSC G1	
INDOOR	**High Bay**	HR G2 & G3	HX G1	HE G1	HL G1 / HC G1

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